

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

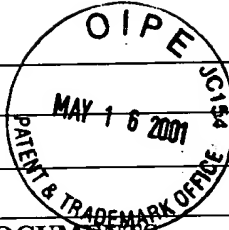
Docket Number (Optional)

HMV-052.01

Applicant
Besette et al.Filing Date
October 5, 2000Application Number
09/679,705

Group Art Unit

1636


U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					

RECEIVED
MAY 1 8 2001
FOREIGN PATENT DOCUMENTS
TECH CENTER 1600/2900

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
AC					

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

AMZ	AD	Aslund, F. et al. (1999), <i>Efficient Production of Disulfide Bonded Proteins in the Cytoplasm in "Oxidizing" Mutants of E. Coli</i> , InNOVATIONS 10:11-12 (http://www.novagen.com/SharedImages/TechnicalLiterature/7_nd0d.pdf).
AMZ	AE	Mossner, E. et al. (1998), <i>Characterization of Escherichia coli Thioredoxin Variants Mimicking the Active-Sites of Other Thiol/Disulfide Oxidoreductases</i> , PROTEIN SCIENCE 7:1233-44.
AMZ	AF	Martin, J. (1995), <i>Thioredoxin - A Fold For All Reasons</i> , STRUCTURE 3:245-50.
AMZ	AG	Aslund, F. et al. (1999), <i>The Thioredoxin Superfamily: Redundancy, Specificity, and Gray-Area Genomics</i> , J. OF BACTERIOLOGY 181(5):1375-79.
AMZ	AH	Aslund, F. et al. (1999), <i>Regulation of the OxyR Transcription Factor by Hydrogen Peroxide and the Cellular Thiol - Disulfide Status</i> , PROC. NATL. ACAD. SCI. USA 96:6161-65.
AMZ	AI	Mossner, E. et al. (1999), <i>Importance of Redox Potential for the in Vivo Function of the Cytoplasmic Disulfide Reductant Thioredoxin from Escherichia coli</i> , J. BIOL. CHEM. 274(36):25254-59.
AMZ	AJ	Rietsch, A. et al. (1998), <i>The Genetics of Disulfide Bond Metabolism</i> , ANNU. REV. GENET. 32:163-84.
AMZ	AK	Derman, A. et al. (1993), <i>Mutations that Allow Disulfide Bond Formation in the Cytoplasm of Escherichia coli</i> , SCIENCE 262:1744-47.
AMZ	AL	Qiu, J. et al. (1998), <i>Expression of Active Human Tissue-Type Plasminogen Activator in Escherichia coli</i> , APPLIED AND ENVIRON. MICROBIOL. 64(12):4891-96.
AMZ	AM	Stewart, E.J. et al. (1998), <i>Disulfide Bond Formation in the Escherichia coli cytoplasm: an in vivo Role Reversal for the Thioredoxins</i> , EMBO J. 17(19):5543-50.
AMZ	AN	Prinz, W. A. et al. (1997), <i>The Role of the Thioredoxin and Glutaredoxin Pathways in Reducing Protein Disulfide Bonds in the Escherichia coli Cytoplasm</i> , J. BIOL. CHEM. 272(25):15661-67.
AMZ	AO	Debarbieux, L. et al. (1998), <i>The Reductive Enzyme Thioredoxin 1 Acts as an Oxidant When it is Exported to the Escherichia coli Periplasm</i> , PROC. NATL. ACAD. SCI. USA 95:10751-56.
AMZ	AP	Aslund, F. et al. (1997), <i>Redox Potentials of Glutaredoxins and Other Thiol-Disulfide Oxidoreductases of the Thioredoxin Superfamily Determined by Direct Protein-Protein Redox Equilibria</i> , J. BIOLOGICAL CHEM. 272(49):30780-86.

INFORMATION DISCLOSURE CITATION

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

HMV-052.01

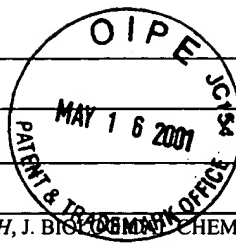
Application Number

09/679,705

Applicant
Besette et al.Filing Date
October 5, 2000

Group Art Unit

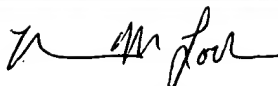
1636



RECEIVED

MAY 18 2001

TECH CENTER 1600/2900

TMZ	AQ	Jordan, A. et al. (1997), Characterization of <i>Escherichia coli</i> NrdH, J. BIOLOGICAL CHEM. 272(29):18044-50.
TMZ	AR	Aslund, F. et al. (1996), Glutaredoxin-3 from <i>Escherichia coli</i> , J. OF BIOLOGICAL CHEM. 271(12):6736-45.
TMZ	AS	Besette, P.H. et al. (Nov. 23, 1999), Efficient Folding of Proteins with Multiple Disulfide Bonds in the <i>Escherichia coli</i> Cytoplasm, PNAS 96(24):13703-08.
TMZ	AT	Ritz, D. et al. (1999), Thioredoxin 2 is Involved in the Oxidative Stress Response in <i>Escherichia coli</i> , J. BIO. CHEM. 275:2505-12. 2000
TMZ	AU	Debarbieux, L. et al. (2000), On the Functional Interchangeability, Oxidant versus Reductant, of Members of the Thioredoxin Superfamily, J. of BACTERIOLOGY 182(3):723-27.
TMZ	AV	Aslund, F. et al. (1999), Bridge Over Troubled Waters: Sensing Stress by Disulfide Bond Formation, CELL 96:751-53.
TMZ	AW	Kurokawa, Y. et al. (2000), Overexpression of Protein Disulfide Isomerase DsbC Stabilizes Multiple-Disulfide-Bonded Recombinant Protein Produced and Transported to the Periplasm in <i>Escherichia coli</i> , APPLIED AND ENVIRONMENTAL MICROBIOLOGY 66(9):3960-65.
EXAMINER		
	DATE CONSIDERED July 27, 2002	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE